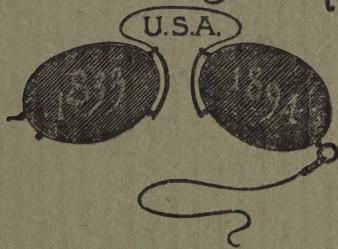




3 8136 0006 8140 1

SUPPLEMENT

AMERICAN
OPTICAL COMPANY
Southbridge, Mass.



1896

1896 SUPPLEMENT

TO

AMERICAN OPTICAL COMPANY

ILLUSTRATED CATALOGUE

DESCRIBING AND ILLUSTRATING SOME OF THE NEW STYLES
OF GOODS WE ARE NOW MAKING.

CONTAINING ALSO OUR LIST OF

OPTICAL MACHINERY AND TOOLS.

We wish to call special attention to our new line of

EYEGLASS CHAINS AND HOOKS.

TRADE A.O.Co. MARK.

REGISTERED AUG. 13, 1895.

NOTICE.

Modify Articles 11 and 12, page 5 of Catalogue, as follows:—

All goods of 30 grade and better, furnished with Oval Wire, Broad or Showy C. or S.S. Bridges without extra charge.

Modify Article 3, page 6 of Catalogue, as follows:—

All gold goods made with Showy Bridges unless otherwise ordered.

LENSES.

We wish to call particular attention to the fact that we carry a complete stock of all kinds of Lenses, including Rough, Plano and Sphero Cylinders (see pages 86 and 87, Catalogue), and are prepared to fill orders promptly.

Our Sphero Cylinder Lenses are put up each lens in a separate envelope with focus neatly stamped on outside, for convenience in selecting lenses from stock, preventing scratching, etc., etc.

SCREWS.

For convenience, when desired for general repair purposes, screws are furnished in envelopes containing one gross assorted as follows:—

ONE GROSS FOR GOLD SPECTACLES AND EYEGLASSES.

ONE GROSS FOR STEEL SPECTACLES AND EYEGLASSES.

ONE GROSS FOR SOFT METAL SPECTACLES AND EYEGLASSES.

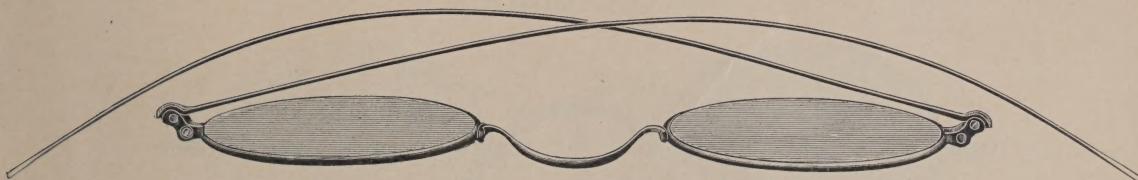
It is not practical to mix in same envelope screws for Gold, Steel and other goods.

MOUNTINGS.

All Rimless Eyeglass Mountings are assembled. All Rimless Lenses furnished dull edge unless otherwise ordered.

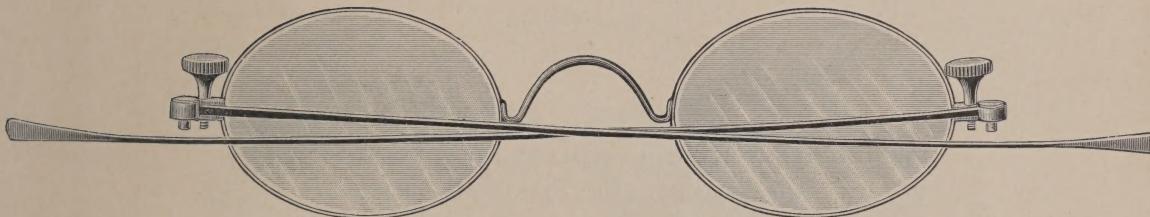
Refer to Pages
13-22
of 1894 Catalogue.

STEEL SPECTACLES.



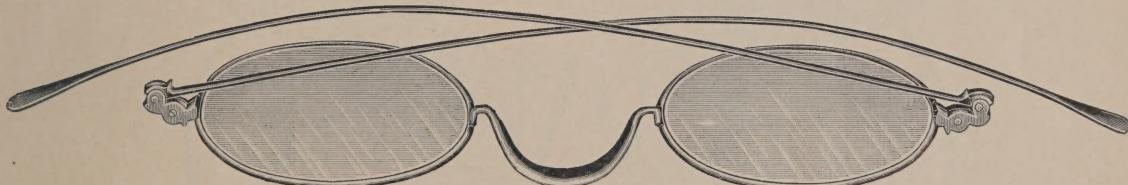
No. 78. Same as 70, except Short End Piece and Solid Temple.

No. 158. Same as 150, except Short End Piece and Solid Temple.



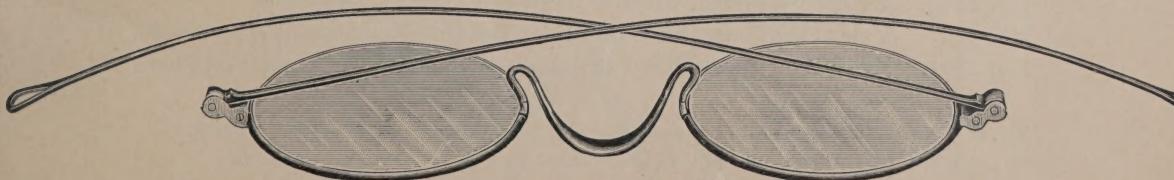
No. 150. With Thumb Screw.

To be used for Exercise Prisms or in Cases where Lenses have to be changed frequently.



No. 233. Extra Fine Finish, Ball Joint Temple, Long Fancy End Piece.

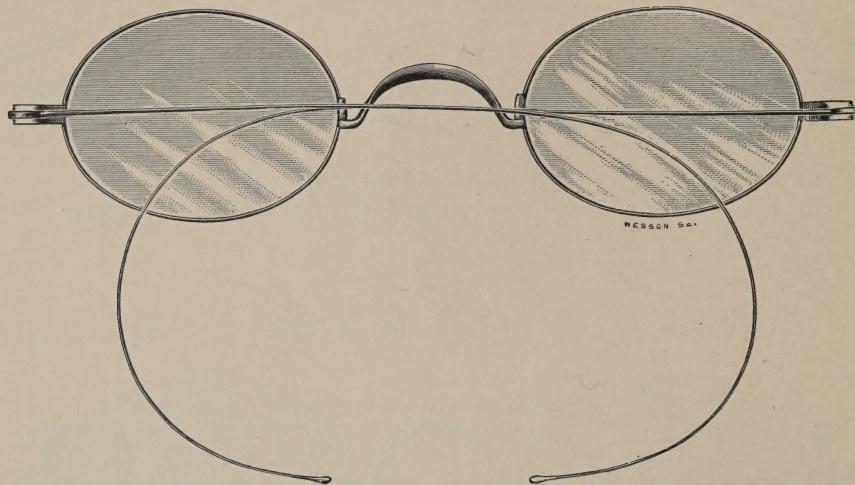
No. 223. Extra Fine Finish, Riveted Joint Temple, Long Fancy End Piece.



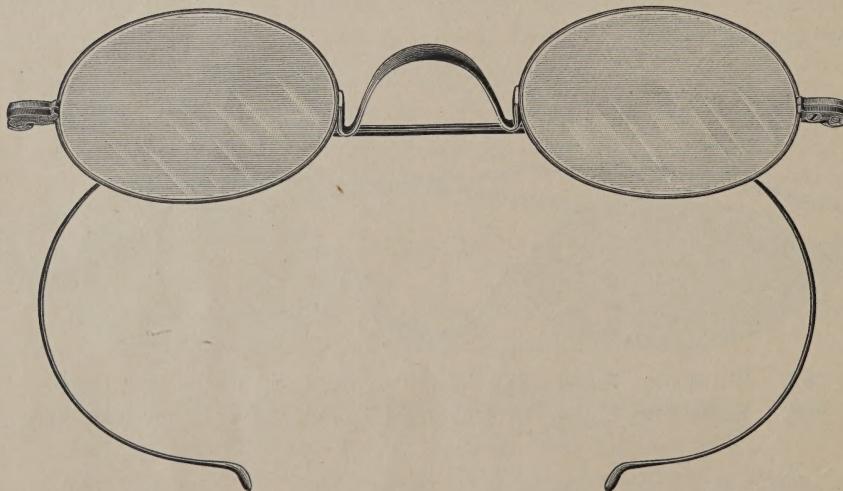
No. 253. Extra Fine Finish, Heavy Weight, Long Open Tip, Solid Joint Temple.

Refer to Pages
13-22
of 1894 Catalogue.

STEEL RIDING.



No. 318. Medium Quality, Short End Piece, Solid Temple.
No. 328. Good Quality, Short End Piece, Solid Temple.

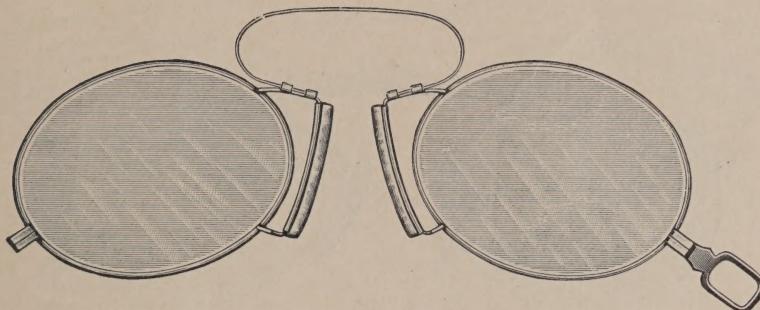


No. 226. Extra Fine Finish, Riveted Joint, Long Bevelled End Piece.
No. 226 $\frac{1}{2}$. Extra Fine Finish, Riveted Joint, Long Fancy End Piece.
No. 236. Extra Fine Finish, Solid Ball Joint Temples, Long Bevelled End Piece.
No. 236 $\frac{1}{2}$. Extra Fine Finish, Solid Ball Joint Temples, Long Fancy End Piece.

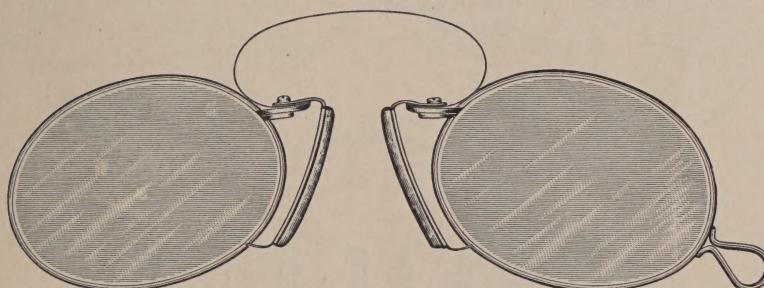
NOTE.—No. 1116 Roman Alloy Riding Temple, same weight as No. 1117, page 46.
No. 1307 Alumnico, same as 1302 except Half Riding Temple, page 48.

Refer to Pages
23-30
of 1894 Catalogue.

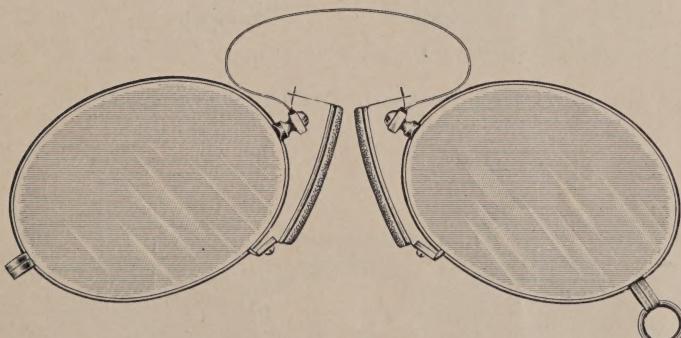
STEEL EYEGLASSES.



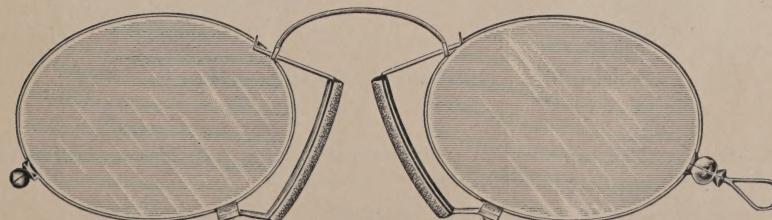
No. 400. Common Finish, opens at Handle and Catch.



No. 410. Common Finish, opens at Post.



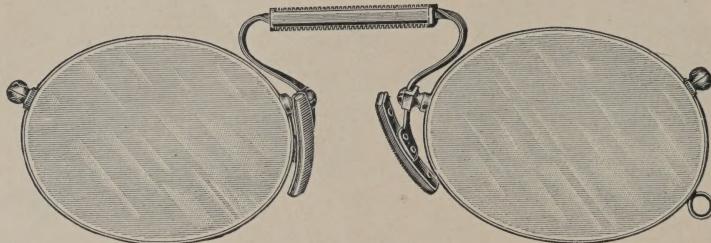
No. 481. Light Weight, Fine Finish, for Narrow P.D. Ring Handle.



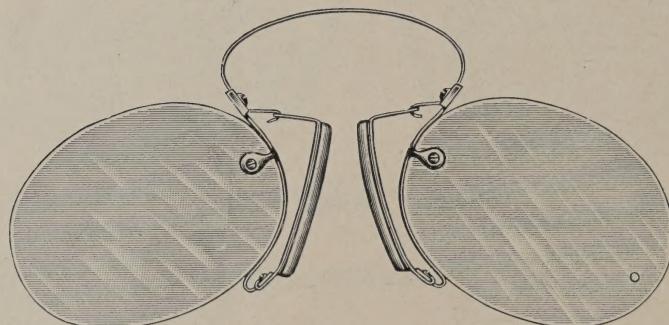
No. 539 "Spectaclette." Similar to 534. Furnished in assorted P.D.'s.

Refer to Pages
23-37
of 1894 Catalogue.

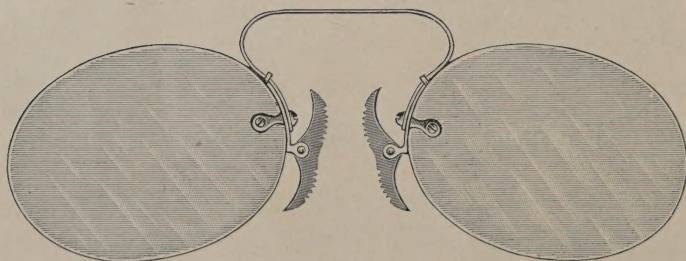
EYEGLASSES.



No. 523-AA. Bar Spring, Offset Guard.
No. 520-AA. Bar Spring, Patent Interchangeable Guard.
No. 480-AA. Bar Spring, Adjustable Spring Guard.



No. 560. Hole for Cord. Adjustable Spring Guard.

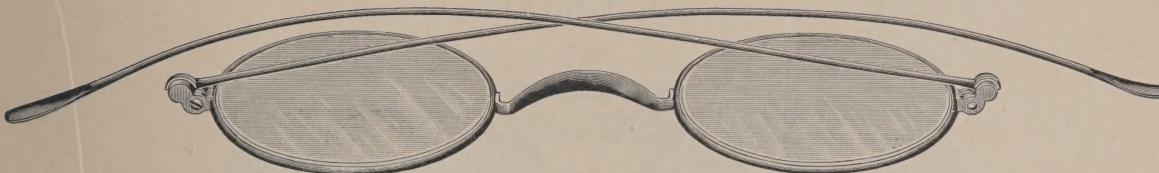


No. 590. Burbank. No Hole or Cord.

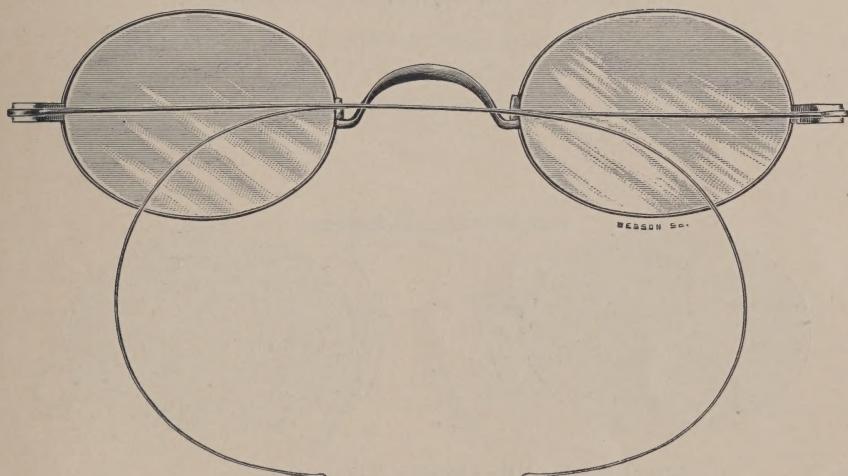
NOTE.—On page 22 of Catalogue we illustrate 480 Riding. We also furnish a 523 Riding, which is a 523 Eyeglass with Riding Temples.

Refer to Pages
51, 52
of 1894 Catalogue.

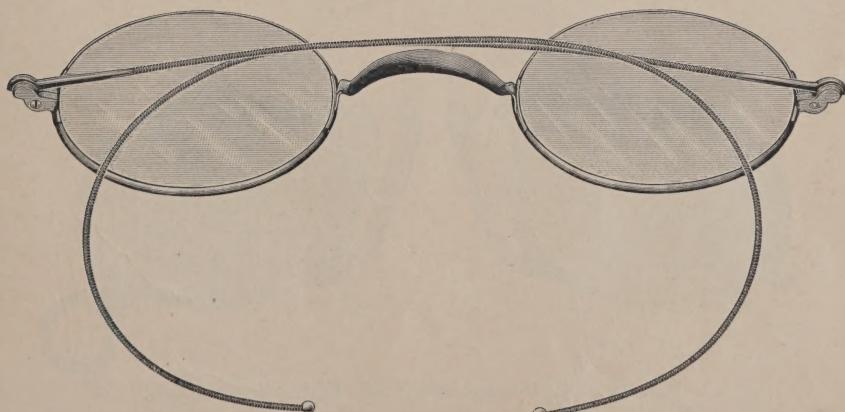
GOLD FILLED.



No. 1243. Extra Finish, Blind Dowel and Round End Screw, Solid Temple.



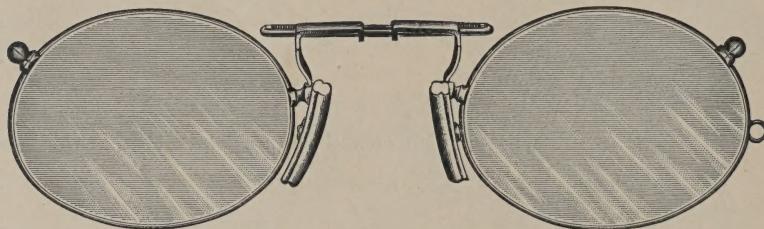
No. 1248. Extra Finish, Blind Dowel and Round End Screw, Solid Temple.



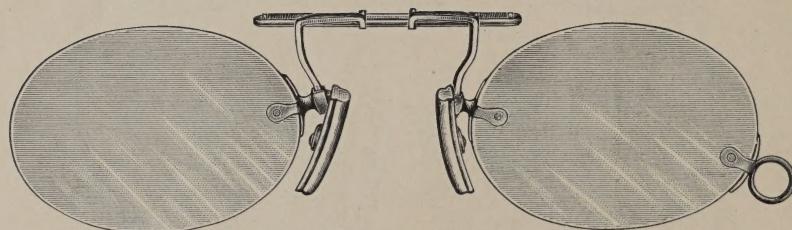
No. 1248 "Cable." Same as 1248 with Cable Temples.

Refer to Pages
53, 54
of 1894 Catalogue.

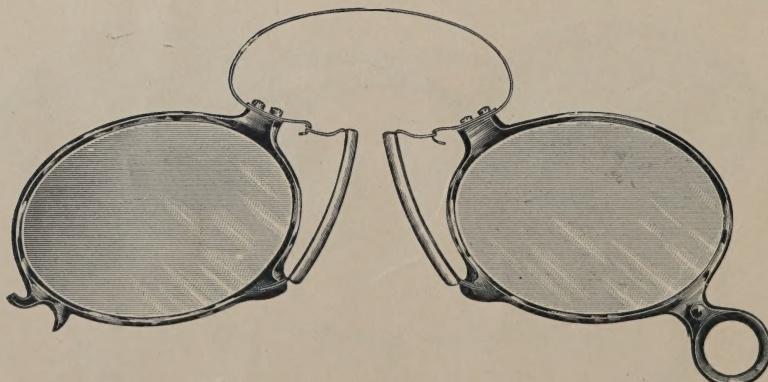
GOLD FILLED.



No. 1263-D. Bar Spring, Offset Guard.



No. 1293-D. Bar Spring, Offset Guard.



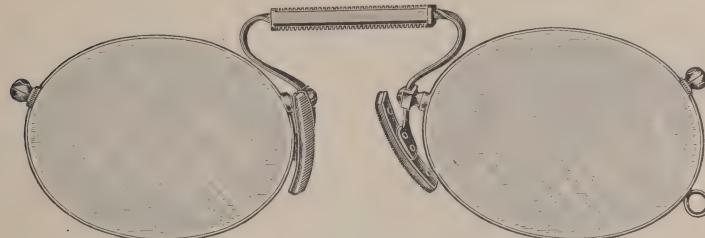
No. 12. Zylonite, with Gold Filled Trimmings.

Above Eyeglass is furnished in 1, 0 and 00 Eye.

Refer to Pages
62-72
of 1894 Catalogue.

GOLD.

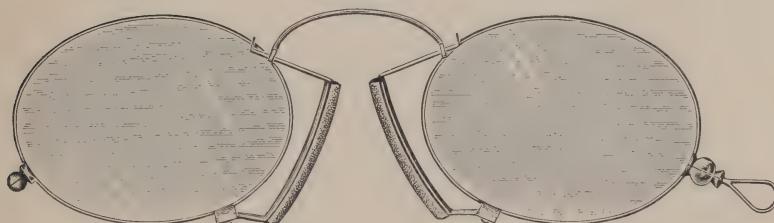
Our Trade Mark for 10K Gold is , registered November 22, 1892.



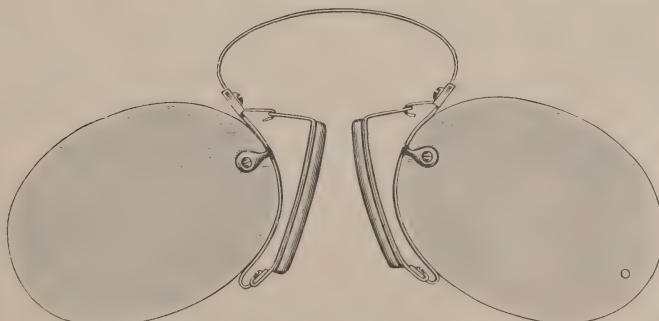
No. 803-AA. Bar Spring, Offset Guard.

No. 801-AA. Bar Spring, Patent Interchangeable Guard.

No. 881-AA. Bar Spring, Adjustable Spring Guard.



No. 839. Spectaclette. Furnished in assorted P.D.'s.



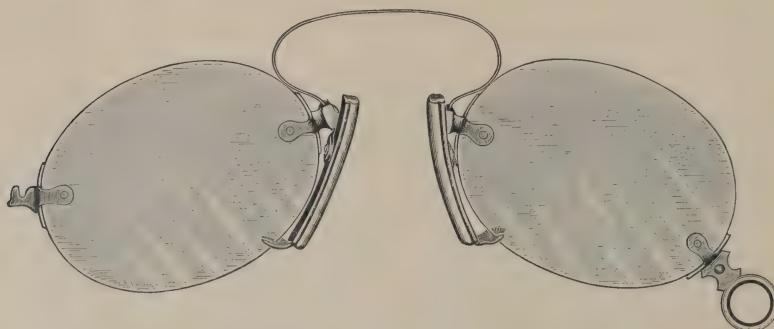
No. 890-560. Hole for Cord. Adjustable Spring Guard.

NOTE.—Swelled Spring furnished on Gold Eyeglasses when desired.

We are supplying a Solid Joint Temple on some of our Gold Straight Temple Spectacles. This makes a very stiff and tasty Temple. Furnished on Nos. 710, 711, 720, 721, etc.

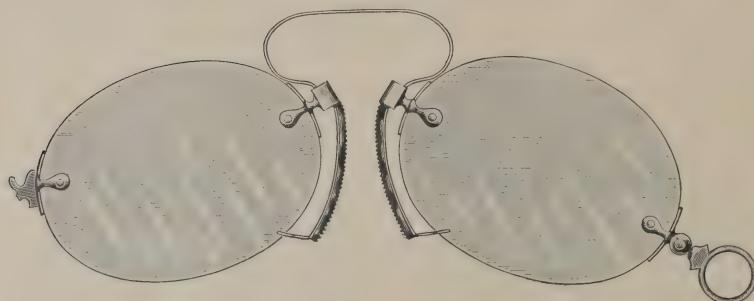
Refer to Pages
62-72
of 1894 Catalogue.

GOLD.



No. 891. Long Offset Guard.

See page 92 for styles of Handles



No. 899. Extra Finish. Countersunk Stud Screw.

All Gold Mountings are made with Rounded Straps unless otherwise ordered.



- No. 766 $\frac{1}{4}$. Extra Fine Finish. Bevelled Back End Piece.
- No. 766 $\frac{1}{2}$. Extra Fine Finish. Bevelled Back End Piece.
- No. 766 $\frac{3}{4}$. "Cable." 766 $\frac{1}{4}$ Front with Cable Temples.
- No. 768 $\frac{1}{4}$. Extra Fine Finish Bevelled End Piece, Temple Style of 718.
- No. 768 $\frac{1}{2}$. Extra Fine Finish Bevelled End Piece, Temple Style of 718.
- No. 768 $\frac{3}{4}$. "Cable." 768 $\frac{1}{4}$ Front with Cable Temples.

Refer to Pages
73-76
of 1894 Catalogue.

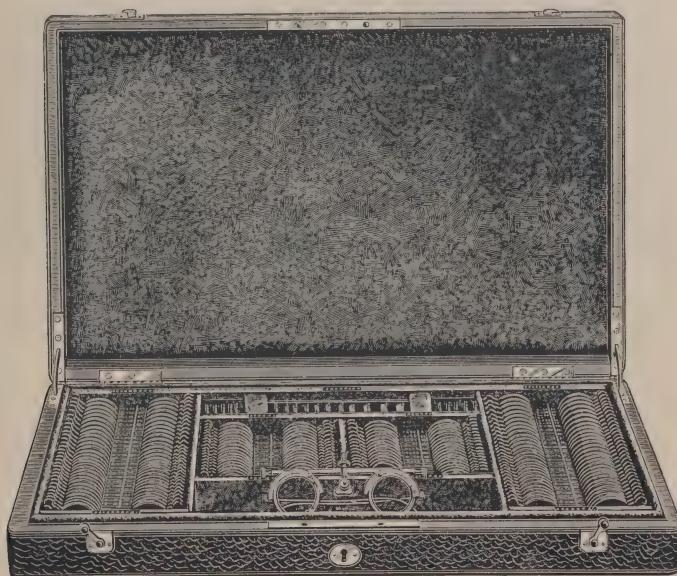
TRIAL SETS.

Our Trial Sets are put up in Morocco-covered Velvet-lined Cases.

We are also prepared to furnish them put up in Polished Quartered Oak Cases, or in Mahogany or Cherry.

A Bevelled Plate Glass Panel set in the lid makes a very handsome Case.

Sets Nos. 2021, 2022, and all Traveling and wooden Cases are furnished with Removable Trays.



No. 2004. Same as 2000, except with Rings $1\frac{1}{4}$ inches diameter.

No. 2004 $\frac{1}{2}$.

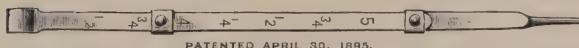
No. 2014. Same as 2010, except Rings $1\frac{1}{4}$ inches diameter.

No. 2014 $\frac{1}{2}$.

No. 2024. Same as 2020, except Rings $1\frac{1}{4}$ inches diameter.

No. 2024 $\frac{1}{2}$.

Special Cases made to order.



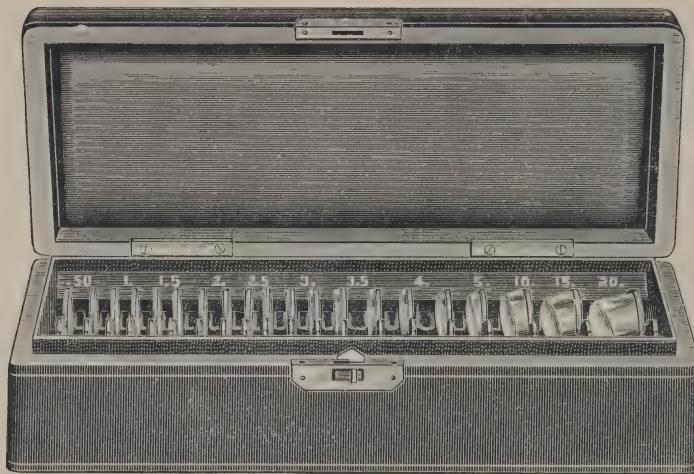
PATENTED APRIL 30, 1895.

Wells Patent Extension Temple, Half Riding.

Supplied on any of our Trial Frames at an extra charge. By the use of this Temple the distance from plane of Lens to end of Temple can be readily obtained.

Refer to Pages
73-76
of 1894 Catalogue.

TRIAL SETS.



No. 2098. Prism Case containing 20 Round Prisms, $.50^{\Delta}$ to 20^{Δ} ., in Nickel Plated Steel Rings, $1\frac{1}{2}$ inches diameter.

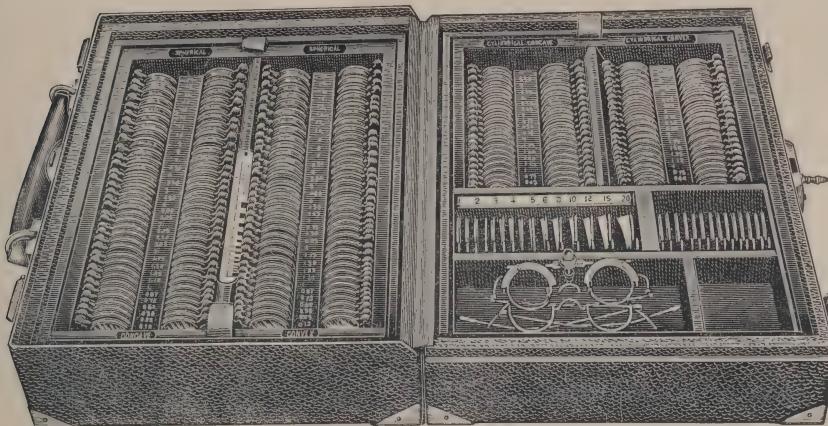


No. 2099. Prism Case containing 20 Square Prisms $.50^{\Delta}$ to 20^{Δ} ., $1\frac{1}{2}$ inches square.

Prism Cases made to order.

Refer to Pages
73-76
of 1894 Catalogue.

TRIAL SETS.

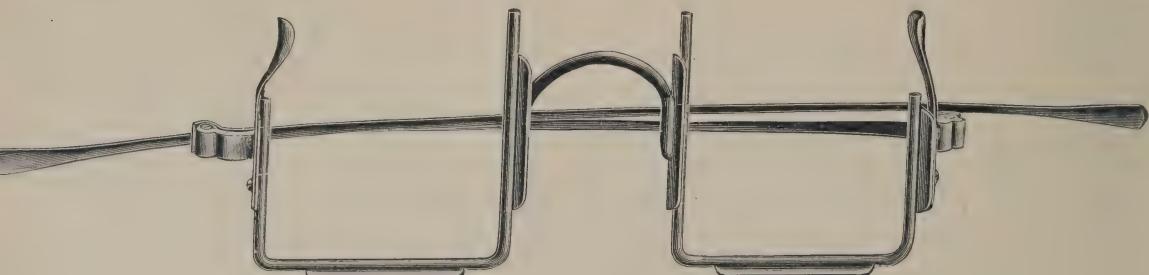
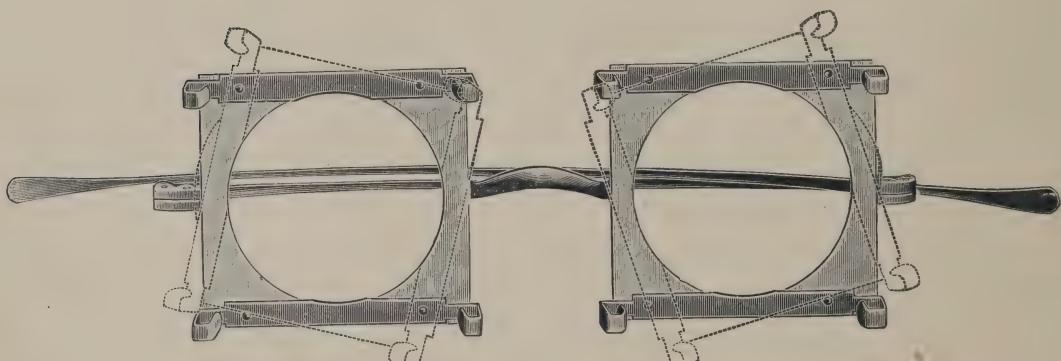


No. 2061. Traveling Case, contents same as 2021.
No. 2061 $\frac{1}{2}$.
No. 2063. Traveling Case, same as 2061, except Rings 1 $\frac{1}{4}$ inches diameter.
No. 2063 $\frac{1}{2}$.
No. 2074. Traveling Case, contents similar to 2070.
No. 2074 $\frac{1}{2}$.
No. 2075. Traveling Case, contents similar to 2073.
No. 2075 $\frac{1}{2}$.

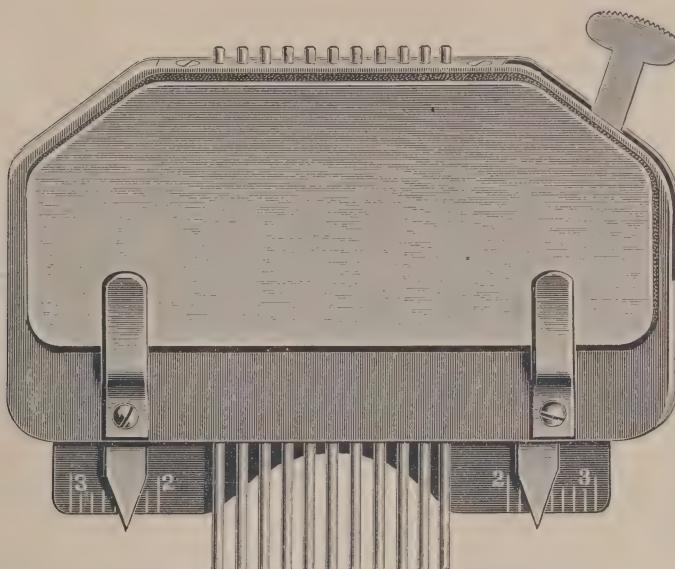
In these Traveling Sets the trays are removable.

Refer to Pages
77-80
of 1894 Catalogue.

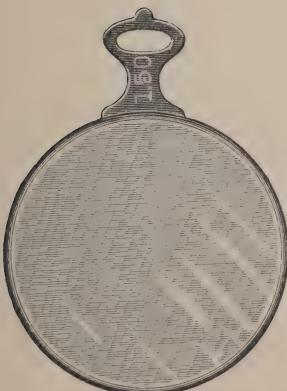
TRIAL FRAMES.

No. 2290. Light Frame for Square Prisms, $1\frac{1}{2}$ inches diameter.No. 2293. Light Frame for Square Prisms, $1\frac{1}{4}$ inches diameter.No. 2294. Frame for Square Prisms, Stationary Cell, $1\frac{1}{2}$ inches diameter.No. 2296. Frame for Square Prisms, Stationary Cell, $1\frac{1}{4}$ inches diameter.No. 2298. Frame for Square Prisms, Revolving Cell, $1\frac{1}{2}$ inches diameter.No. 2299. Frame for Square Prisms, Revolving Cell, $1\frac{1}{4}$ inches diameter.

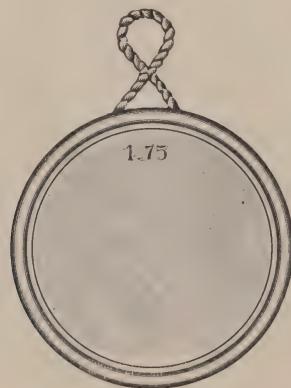
Refer to Page
81
of 1894 Catalogue.



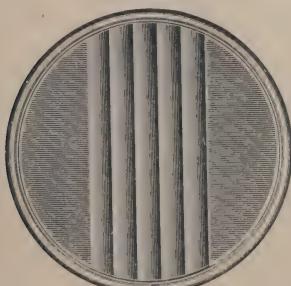
Brown's Pupillometer and Bridge Measure.
For measuring the Pupillary Distance and Contour of Nose.



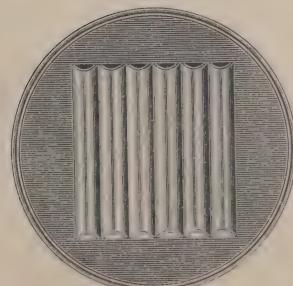
No. 1806.
Nachet Style, Light Ring.



No. 1820.
Nachet Style, Twisted Wire Handle.



No. 1863.
Multiple Maddox Groove.



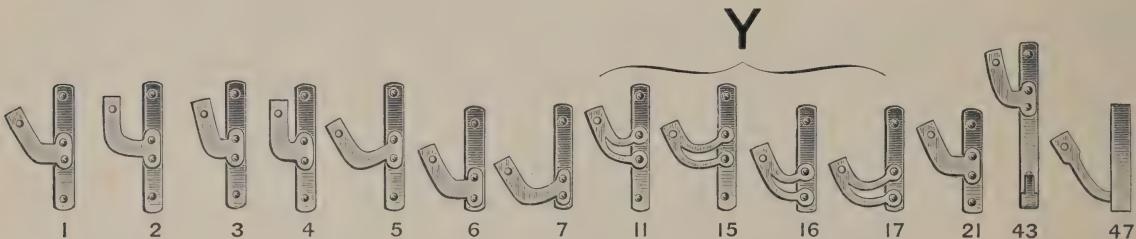
No. 1864.
Multiple Maddox Rod.

(State Style of Ring desired when ordering.)

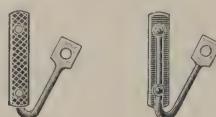
This Page takes the
place of First Half
Page 93 of Catalogue.

OFFSET GUARDS.

Our Offset Guards are made in the following angles; the No. 1 angle is used unless otherwise ordered.



Furnished in Cork; also in Dark and Light Zylonite when so ordered.



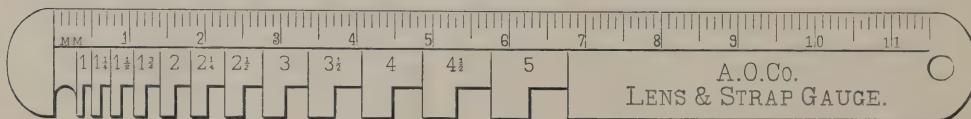
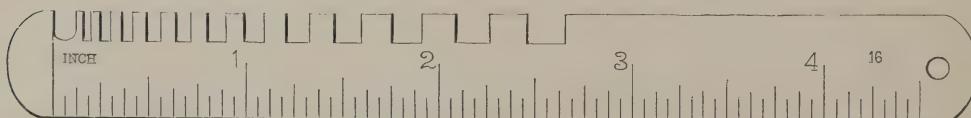
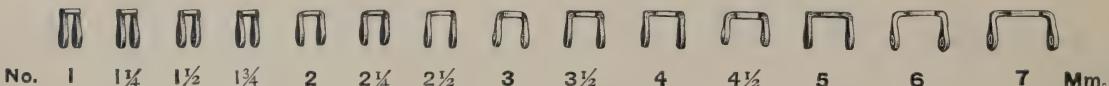
A.O. Co. Hook Guard



Brown's Zylonite Nose Guard.

RIMLESS STRAPS.

The following cuts illustrate the different sizes of Straps used on our Rimless Goods. The numbers, 1 to 7, refer also to the thickness of the Lenses, giving the dimensions of the same in millimeters.



A. O. CO. LENS AND STRAP GAUGE AND SCALE.

This Gauge gives the thickness of the Lenses in millimeters and fractions of the same. All of our straps are made to conform to these numbers. So that after ascertaining the thickness of the Lens in millimeters it is only necessary to select the strap of that number. This instrument is also very handy as a scale for measuring P.D.'s, etc., etc.

EYEGLASS CHAINS AND HOOKS.

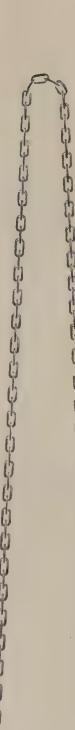
Furnished in 10K and 14K Filled; Silver; 8K, 10K and 14K Gold, and Plated.
Also Cable Chain in Alumnico, and Aluminum Foxtail Chains.

SPECIAL STYLES MADE TO ORDER.

A FEW STYLES OF EYEGLASS CHAINS. See Page 20.



No. 100 or No. 400.



No. 101½ or No. 401½.

No. 110 or No. 410
and No. 710.

No. 111½ or No. 411½.

No. 121½ or No. 421½.
Special Styles made to Order.No. 170 or No. 470
and No. 770.

EYEGLASS HOOKS.



H. Hair Pin.



J. Hair Pin.



X. Hair Pin.

Other Styles made to order.



A.



AE.



B.



BE.



K.



O.



S.



Pin Hook.



Guard Pin.



Snap.

Any Style Hook or Pin made to order.

EYEGLASS CHAINS AND HOOKS.

SOLID GOLD. Made in 8k, 10k and 14k.	Cat.No.	GOLD FILLED. Made in 10k and 14k Filled.	Cat.No.
A. Hook, short link cable chain.....	100	A. Hook, short link cable chain.....	400
AE. Hook, short link cable chain.....	100 $\frac{1}{2}$	AE. Hook, short link cable chain.....	400 $\frac{1}{2}$
A. Hook, short link, twisted cable chain.....	101	A. Hook, short link, twisted cable chain.....	401
AE. Hook, short link, twisted cable chain.....	101 $\frac{1}{2}$	AE. Hook, short link, twisted cable chain.....	401 $\frac{1}{2}$
A. Hook, short link, flat cable chain.....	102	A. Hook, short link, flat cable chain.....	402
AE. Hook, short link, flat cable chain.....	102 $\frac{1}{2}$	AE. Hook, short link, flat cable chain.....	402 $\frac{1}{2}$
S. Hook, short link cable chain.....	104	B. Hook, special short link cable chain.....	403
S. Hook, short link, twisted cable chain.....	105	BE. Hook, special short link cable chain.....	403 $\frac{1}{2}$
Pin hook, short link cable chain.....	106	S. Hook, short link cable chain.....	404
Pin hook, short link, twisted cable chain.....	107	S. Hook, short link, twisted cable chain.....	405
Guard Pin, short link cable chain.....	108	Pin Hook, short link cable chain.....	406
Guard Pin, short link, twisted cable chain.....	109	Pin Hook, short link, twisted cable chain.....	407
A. Hook, medium link cable chain.....	110	Guard Pin, short link cable chain.....	408
AE. Hook, medium link cable chain.....	110 $\frac{1}{2}$	Guard Pin, short link, twisted cable chain.....	409
A. Hook, medium link, twisted cable chain.....	111	B. Hook, medium link cable chain.....	410
AE. Hook, medium link, twisted cable chain.....	111 $\frac{1}{2}$	BE. Hook, medium link cable chain.....	410 $\frac{1}{2}$
A. Hook, medium, flat link cable chain.....	112	B. Hook, medium link, twisted cable chain.....	411
AE. Hook, medium, flat link cable chain.....	112 $\frac{1}{2}$	BE. Hook, medium link, twisted cable chain.....	411 $\frac{1}{2}$
S. Hook, medium link cable chain.....	114	B. Hook, medium link, flat cable chain.....	412
S. Hook, medium link, twisted cable chain.....	115	BE. Hook, medium link, flat cable chain.....	412 $\frac{1}{2}$
Pin Hook, medium link cable chain.....	116	S. Hook, medium link cable chain.....	414
Pin Hook, medium link, twisted cable chain.....	117	S. Hook, medium link, twisted cable chain.....	415
Guard Pin, medium link cable chain.....	118	Pin Hook, medium link cable chain.....	416
Guard Pin, medium link, twisted cable chain.....	119	Guard Pin, medium link cable chain.....	417
A. Hook, long link, twisted cable chain.....	121	Guard Pin, medium link, twisted cable chain.....	418
AE. Hook, long link, twisted cable chain.....	121 $\frac{1}{2}$	A. Hook, long link, twisted cable chain.....	421
S. Hook, long link, twisted cable chain.....	123	AE. Hook, long link, twisted cable chain.....	421 $\frac{1}{2}$
A. Hook, foxtail chain.....	170	S. Hook, long link, twisted cable chain.....	425
AE. Hook, foxtail chain.....	170 $\frac{1}{2}$	A. Hook, short link, heavy cable chain.....	460
A. Hook, short link cable chain.....	180	AE. Hook, short link, heavy cable chain.....	460 $\frac{1}{2}$
AE. Hook, short link cable chain.....	180 $\frac{1}{2}$	A. Hook, short link, twisted heavy cable chain.....	461
S. Hook, short link cable chain.....	184	AE. Hook, short link, twisted heavy cable chain.....	461 $\frac{1}{2}$
A. Hook, long link, twisted cable chain.....	190	A. Hook, fox tail chain, filled hook.....	470
AE. Hook, long link, twisted cable chain.....	190 $\frac{1}{2}$	AE. Hook, fox tail chain, filled hook.....	470 $\frac{1}{2}$
S. Hook, long link, twisted cable chain.....	194	H. Hair Pin, short link cable chain.....	500
H. Hair Pin, short link, twisted cable chain.....	200	H. Hair Pin, short link, twisted cable chain.....	501
H. Hair Pin, short link, flat cable chain.....	201	H. Hair Pin, short link, flat cable chain.....	502
H. Hair Pin, short link, flat cable chain.....	202	J. Hair Pin, short link cable chain.....	504
J. Hair Pin, short link cable chain.....	204	J. Hair Pin, short link, twisted cable chain.....	505
J. Hair Pin, short link, twisted cable chain.....	205	H. Hair Pin, medium link cable chain.....	510
H. Hair Pin, medium link cable chain.....	210	H. Hair Pin, medium link, twisted cable chain.....	511
H. Hair Pin, medium link, twisted cable chain.....	211	H. Hair Pin, medium link, flat cable chain.....	512
H. Hair Pin, medium link, flat cable chain.....	212	J. Hair Pin, medium link cable chain.....	514
J. Hair Pin, medium link cable chain.....	214	J. Hair Pin, medium link, twisted cable chain.....	515
J. Hair Pin, medium link, twisted cable chain.....	215		
H. Hair Pin, long link, twisted cable chain.....	221		
J. Hair Pin, long link, twisted cable chain.....	225		
HOOKS AND SNAPS.			
A. (plain) Hooks.....	5	HOOKS AND SNAPS.	
AE. (engraved) Hooks.....	10	HOOKS AND SNAPS.	
O. Hooks.....	12	A. (plain) Hooks.....	75
Snaps.....		AE. (engraved) Hooks, or Hair Pins.....	80
COIN SILVER.			
A. Hook, short link cable chain.....	600	B. (plain) Hooks.....	85
AE. Hook, short link cable chain.....	600 $\frac{1}{2}$	BE (engraved) Hooks.....	90
A. Hook, short link, twisted cable chain.....	601	O. Hooks.....	82
AE. Hook, short link, twisted cable chain.....	601 $\frac{1}{2}$	H. J. or X. Hair Pins.....	
A. (plain) or AE (engraved) Hooks.....		Snaps.....	
Snaps.....		ELECTROPLATED.	
ALUMNICO.			
B. Hook, medium link cable chain.....	710	B. Hook, short link cable chain.....	610
ALUMINUM CHAIN.		BE. Hook, short link cable chain.....	610 $\frac{1}{2}$
A. Hook, fox tail chain.....	770	B. Hook, fox tail chain.....	670
		BE. Hook, fox tail chain.....	670 $\frac{1}{2}$
HOOKS.			
A. Hooks, Enameled.....		A. Hooks, Enameled.....	45
A. Hooks, Rubberoid.....		A. Hooks, Rubberoid.....	46
A. Hooks, Blued.....		A. Hooks, Blued.....	47
A. Hooks, Bronzed.....		A. Hooks, Bronzed.....	48
A. Hooks, Nickled.....		A. Hooks, Nickled.....	49
K. Hooks, Enameled.....		K. Hooks, Enameled.....	K.

Any special style or weight of chain or hook made to order.

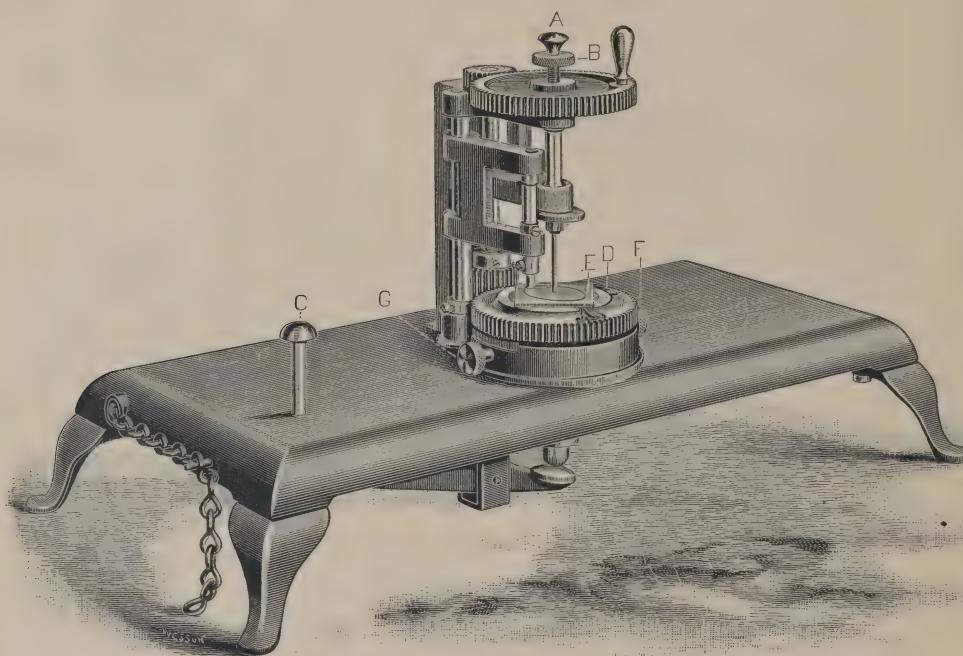
OPTICAL MACHINERY AND TOOLS.

OPTICIAN'S OUTFIT.

Besides the goods illustrated we furnish an iron framed table fitted with a complete set of optical tools, with shaft, counters and pulleys ready for power, consisting of a Lathe, Grindstones, Drill for Lenses, Polishing Stand and Wheels, etc., as may be required by the optical jobbers.

IMPROVED LENS-CUTTING MACHINE.

Used for cutting Spherical and Cylinder Lenses. Fitted with a diamond and patterns complete, for Spectacle and Eyeglass work.



Place the pattern required on the arbor, taking care to screw the nut on firmly; draw up tension chain until the diamond holder presses strongly against the pattern.

TO CUT A SPHERICAL LENS. Place the Lens on the pad with its longest axis corresponding to that of the pattern; see that it fits the pad without rocking. If the Lens is very thick, the center tension may have to be raised in order to place it; this can be done by lifting the knob "A." If there should be too much pressure on the Lens it may be regulated by the screw "B." The center tension should be such that when the Lens is brought up to the diamond it cannot be easily moved; then bring the Lens up to the diamond by pressing the push pin "C"; turn the crank to the left, keeping just enough pressure on the push pin to cause the diamond to cut. Do not press too hard.

TO CUT CYLINDERS. Mark the axis on each edge of the cylinder with an ink dot; loosen the clamp screw "D"; turn the graduated circle until the pointer "E" indicates the angle required. Tighten the clamp screw "D." Draw a line across the pad from 0 to 180; place the cylinder with its axis dots on this line, cylinder side up, and cut.

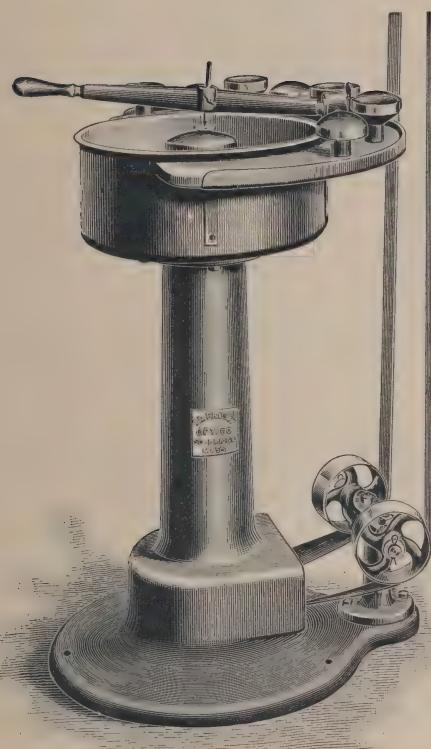
If in doubt about the size the machine will cut, it will be best to cut a trial from a piece of window glass.

The machine is so arranged that the same pattern can be used for all sizes by using the adjustable screws "F" and "G." To make larger, loosen the screw "F" and tighten the screw "G." To make smaller, reverse the operation. When the 1 eye pattern is in place, the "pointer" will indicate 1 on the scale. When the pointer indicates 0, that size can be cut; the same with all sizes from 3 to 00.

The scale under the pointer is made movable to accommodate any change in the size of the cut, by change of the diamond or from other cause.

Keep all the working parts well oiled.

Be sure the screws "F" and "G" are not left loose.



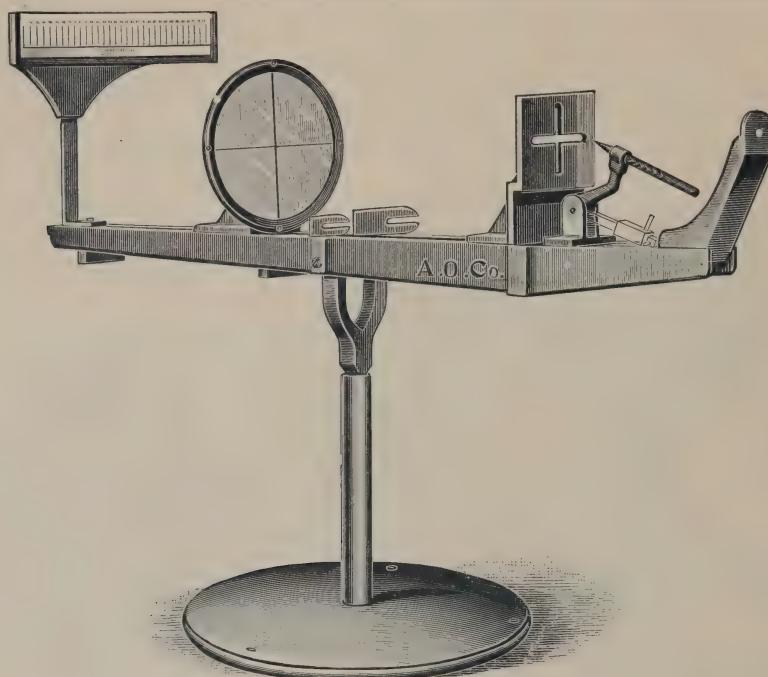
LENS SURFACE GRINDING MACHINE.



GRINDSTONE.

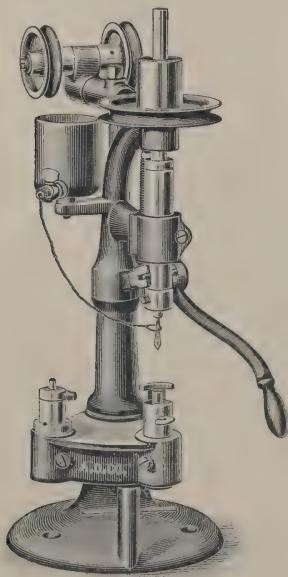
Owing to the daily increase of prescription orders for Special Lenses it has become necessary for many jobbers and opticians to supply themselves with an equipment for grinding Special Lenses at short notice. We have therefore designed a machine to meet this need. It has been our aim to make a machine that shall occupy the least possible space, and at the same time be convenient and durable. The frame is iron throughout; the spindle and bearings being carefully protected from emery and dust. Our machines are furnished with countershaft complete, and full instructions for setting up, etc., are sent with each order. The disks or shells are made from fine iron; we are prepared to furnish disks for any foci desired. We also recommend the use of a set of gauges to go with the disks ordered, and we find that two galvanized iron pans are very useful with each machine, one for the emery and one for the rouge. We recommend a speed of 500 revolutions per minute on this machine. We also furnish for use with this machine Emery, Rouge, Felt and Pitch.

GRINDSTONES. Our Grindstones are mounted on iron stands, the tub being also of cast iron, furnished with pulley or treadle for foot power as desired. The above cut is of a 24-inch Craigleith stone 1½ inches thick. Other sizes furnished to order. Stones faced for bifocal work when desired. We recommend a speed of 750 revolutions per minute for these stones.



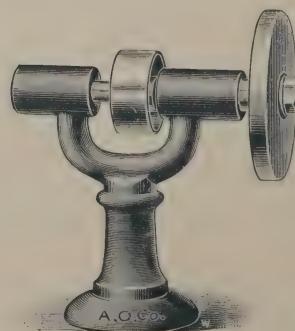
LENS CENTERING MACHINE.

The above is a cut of our Lens Centering Machine. We also use it for marking the axis on Cylinder Lenses, measuring Prisms, etc. This is a very useful and necessary apparatus to a complete optical workshop.



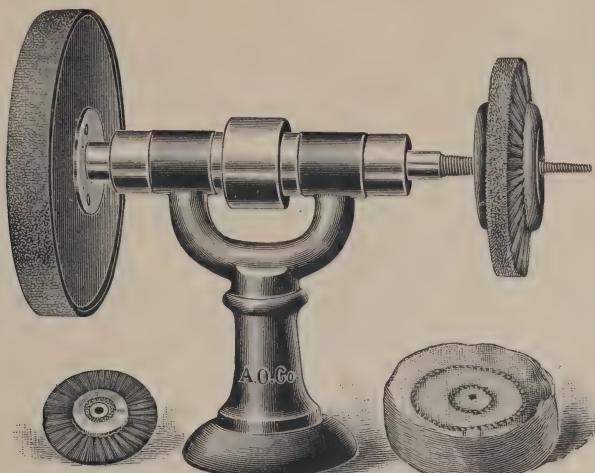
LENS DRILLING MACHINE.

Supplied with Steel Drills. This is the best machine for the purpose on the market. Speed, 750 revolutions per minute.



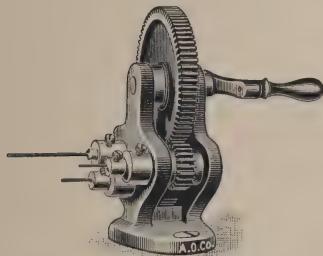
GRINDING LAP.

For sharpening Steel Drills. Should always be used with Lens Drilling Machine to obtain the best results. Speed, 1800 revolutions per minute.



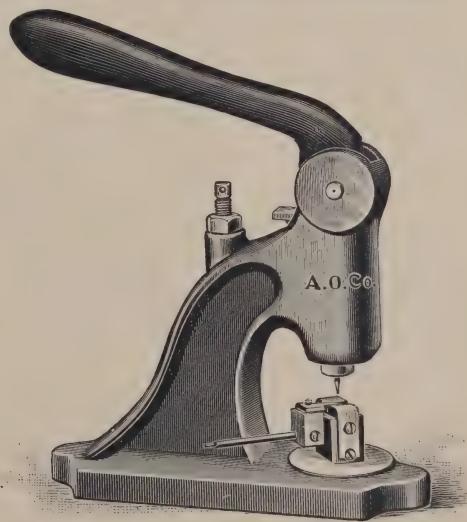
POLISHING LATHE.

The above cut represents our Optician's Polishing Lathe, which explains itself. Furnished with any style of Wheels desired. Speed, 3000 revolutions per minute.

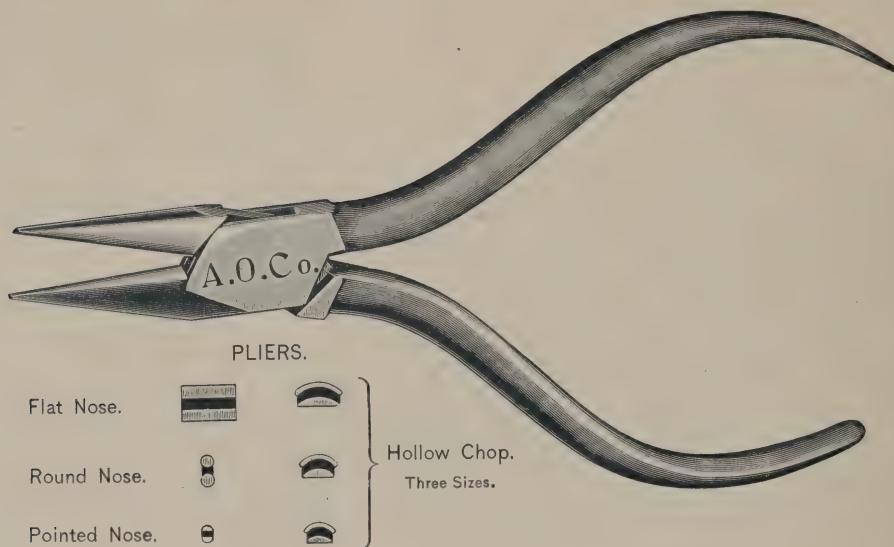


HAND BROACHING MACHINE.

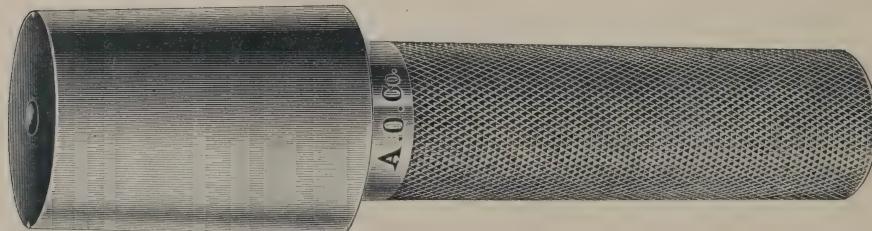
Used for broaching Lenses or Temples and for tapping End Pieces, Eyeglass Studs, etc.



HAND PUNCH FOR SPRINGS.



We carry in stock a line of Pliers, specially adapted for optical work, bending of Springs, Bridges, etc. Furnished nickel plated when desired. The above cut is of our Pointed Nose Plier, full size.



HAND FORMER.

Used for reshaping eyes that have become bent owing to Fracture.

A.O.Co.



SOLDER BURR



TEMPLE BURR



LENSE DRILL

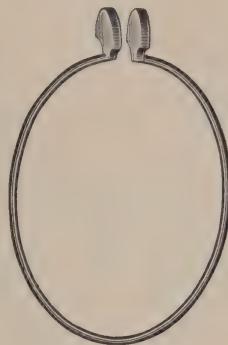


SCREW TAP

We furnish Solder Burrs in three sizes, for Gold S. T., Gold Riding and Steel; Temple Burrs in two sizes and Screw Taps in all standard sizes.



EYE PLATE.



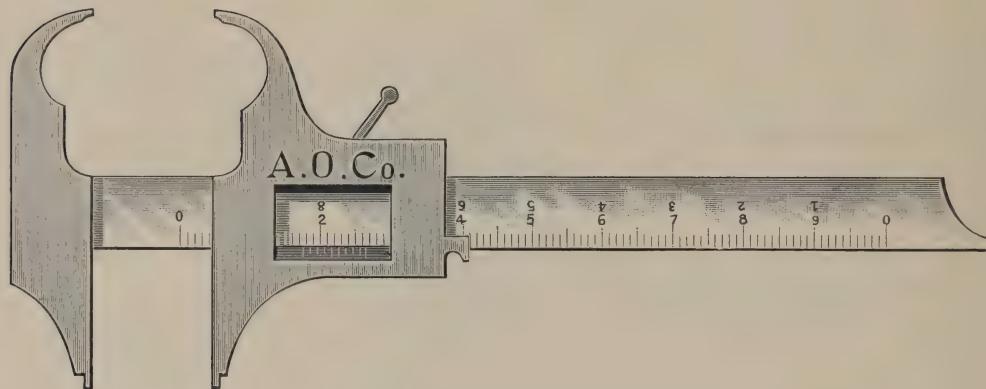
LENS SIZER.

A. O. Co. Standard Eye Plates (for sizing eyes) and Lens Sizers (for sizing Lenses), furnished in all standard sizes.

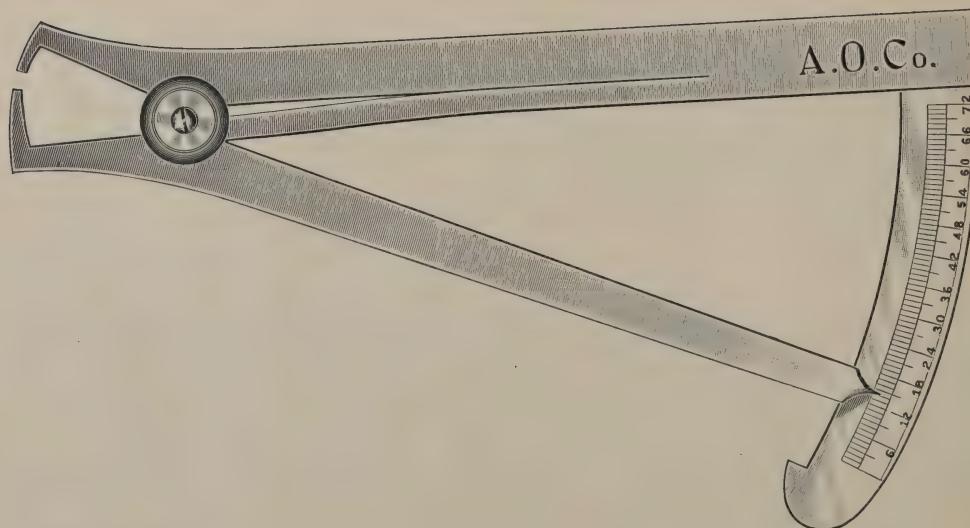


A preparation for cementing Lenses that has been used for years and found to give the best satisfaction.

Guaranteed to be the best lubricant for Drilling Lenses on the market.



VERNIER MILLIMETER GAUGE.



MILLIMETER GAUGE FOR MEASURING THE THICKNESS OF LENSES,
PRISMS, ETC.

